

MARICOPA COUNTY HEALTH CODE

CHAPTER II

SEWAGE AND WASTES

SECTION 8

INDIVIDUAL DISPOSAL SYSTEMS

REGULATION 1. Definitions

- a. Individual sewage disposal system shall mean a device or system for the treatment and disposal of sewage from a single housing, manufacturing or commercial unit.
- b. Cesspool shall mean a securely covered pit with sturdy open-jointed lining into which raw sewage is discharged for final disposal by digestion or leaching into the surrounding porous soil.

REGULATION 2. Permit to Install Required

- a. No person shall install, materially alter or add to any individual disposal system without first applying for and obtaining written permission to construct from the Department.
- b. Every application for permission to construct shall be accompanied by a legal description, two plot plans to scale showing proposed relationship of individual disposal system with respect to lot lines, structures and water systems or other facilities as the Department may require. In special cases involving repairs or alterations the Department may accept as-built plans. Applications shall be processed by the department within five (5) working days of receipt of the submittal.
- c. The permit shall expire at the end of one year unless the approved project is substantially under construction by that time.

REGULATION 3. Approval to Operate Required

- a. Work shall conform to plans and be in compliance with this Code and the Regulations of the State Department of Environmental Quality.
- b. The Health Officer shall make necessary inspections of installations and when satisfied that an installation complies with this Code, and regulations of the State Department of Environmental Quality, shall issue written approval to the permittee.
- c. Operation and use of an individual sewage disposal system shall not commence before final inspection has been made, all permit fees are paid, and written approval has been issued by the Department.

REGULATION 4. General

All individual sewage disposal systems must conform to the applicable

general provisions relating to sewage and waste disposal, and with the specific provisions of this section.

- a. Individual sewage disposal systems are prohibited:
 1. When connection may reasonably and practicably be made to an approved municipal, community, or similar sewerage system. Where installation of a municipal, community, or similar sewerage system or extension, to which connection may be made, is imminent, the Department may waive the full application of these regulations and permit the installation of temporary sewage disposal facilities for premises or subdivisions. In such cases, the Department shall stipulate the conditions and limitations it deems necessary to protect the public health, and to insure speedy connection to the sewerage system, and the owner and operator of such temporary facilities shall be bound to these stipulations and conditions;
 2. When soil conditions, topography, or other conditions are such that an individual disposal system cannot be expected to function satisfactorily, or where ground water or soil conditions are such that an individual disposal system may cause pollution of ground water;
 3. When such installation may create an unsanitary condition or public health nuisance.
- b. Where a sewage disposal system is required and an individual disposal system is prohibited, an alternative on-site disposal system shall be provided.
- c. The use of cesspools is prohibited excepting that a cesspool may be permitted for temporary use only, subject to such stipulations as the Department sets.
- d. The installation of individual disposal systems in new subdivisions, establishments, or premises, is prohibited where such subdivisions, establishments, or premises are contiguous to an approved sewerage system to which connection may reasonably and practically be made.
- e. In special cases where a system or part thereof as prescribed in this regulation cannot be expected to function satisfactorily, an alternative on-site design which meets the conditions of this Code in principle may be approved. The installation of any part of an individual disposal system in a manner otherwise than in compliance with the provisions of this regulation, without first having obtained written permission from the Health Officer, is prohibited.
- f. The use of an individual disposal system by more than one (1) property, dwelling, commercial unit or other premises is prohibited unless it can be shown to the satisfaction of the Health Officer that such properties, dwellings, commercial units or premises are constructed, designed and located in such a manner that it is impossible to construct separate individual disposal systems for them.

- g. In areas served by a municipal or other approved sewage disposal system, when an individual disposal system fails, and in the opinion of the Department, a public health nuisance arises as a result of such failure, (1) the plumbing system of the premises shall be disconnected from the defective individual disposal system and forthwith connected to the approved sewage disposal system, (2) the individual disposal system shall thereupon be emptied of sewage and filled with clean earth as soon as the required connection has been made.
- h. The effluent from individual disposal systems may not discharge onto the surface of the ground, into any water course, abandoned well, pit, mine or similar excavation, or anywhere it may pollute, tend to pollute or create a hazard to any potential or actual water supply or water supply system. Industrial wastes shall not be discharged into any individual disposal system without the written approval of the Department.
- i. All backfilling shall be done with clean earth, free of large stones, broken masonry, stumps, waste construction material, etc., and accomplished in such a manner as to minimize settling and to avoid placing undue strain on the system.

REGULATION 5. Minimum Requirements for the Design, Installation, and Operation of Individual Disposal Systems.

All individual disposal systems shall be designed, installed, and operated in accordance with the provisions of Arizona Department of Environmental Engineering Bulletin Number 12, dated June, 1989, and all addenda thereto, with the following exclusions:

PART I: B4c
PART II: A; C 3k; C 5; E par.2
PART III: Alg.
PART IV: B. 2p "Disposal pipe shall have a minimum crushing strength of 2000 PSI"; C 2b 4; E 1a(1)
PART V: Ald; A 2b; A 2c; A 3 a2; A 3 a3; A 4 d3; A Table 9 (5); C; D; H
Attachments: 1; 7